



Bearing No. 7019HVUJ74

a	40 mm
d	95 mm
D	145 mm
B	24 mm
C	24 mm
d1	110.8 mm
f0	16.07
D2	136.61 mm
D1	129.2 mm
D6	115.7 mm
Mass	1.21 kg
Db max	136.5 mm
Da max	136.5 mm
rs min	1.5 mm
ra max	1.5 mm
db min	103.5 mm
da min	103.5 mm
r1a max	0.6 mm
r1s min	0.6 mm
Size (mm)	95x145x24
Width (mm)	24
Nlim (oil)	13,500 rpm
Preload level	7
Nlim (grease)	8,800 rpm
Preload value	0.61 kN
Axial rigidity	270 N/μm
Bearing number	7019HVUJ74
Radial rigidity	578 N/μm
Dynamic load, C	69.6 kN
Precision class	P4

Angle (?)	20 °
Static load, C0	69.5 kN
Contact angle ?	25 °
Bore Diameter (mm)	95
Outer Diameter (mm)	145
Fatigue limit load, Cu	3.55 kN
Axial displacement K Factor	0.44
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	9.3 Hz
Characteristic inner ring frequency, BRFI	11.7 Hz
Characteristic rolling element frequency, BSF	7.85 Hz